

ART 34 AMEND

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Article 34 Amendment

AMENDED CLAIMS

1. (Deleted)

2. (Amended) A speaker for reproducing ultrahigh frequencies comprising:

a schematically disk-shaped piezoelectric ceramic vibrator in which a piezoelectric ceramic and a metal substrate are bonded;

a dome-shaped diaphragm attached to said piezoelectric ceramic vibrator; and

a panel which fixes an outer peripheral part of said piezoelectric ceramic vibrator and has an opening part in a front face of said dome-shaped diaphragm; wherein

a diameter of a dome part of said dome-shaped diaphragm is made to be 0.5 to 0.8 times the effective movable diameter of said piezoelectric ceramic vibrator; and

the diameter of said piezoelectric ceramic is almost identical to that of said dome part.

3. (Deleted)

4. (Deleted)

5. (Amended) A speaker for reproducing ultrahigh frequencies comprising:

a schematically disk-shaped piezoelectric ceramic vibrator in which a piezoelectric ceramic and a metal substrate are bonded;

a dome-shaped diaphragm attached to said piezoelectric ceramic vibrator; and

a panel which fixes an outer peripheral part of said piezoelectric ceramic vibrator and has an opening part in a front face of said dome-shaped diaphragm; wherein

a diameter of a dome part of said dome-shaped diaphragm is made to be 0.5 to 0.8 times the effective movable diameter of said piezoelectric ceramic vibrator; and

a primary resonance frequency at high frequencies of said dome-shaped diaphragm is made to be higher than a secondary resonance frequency at high frequencies of said piezoelectric ceramic vibrator.